

MiniTrace β

Small area contamination meter

- **Minitrace β** contamination meter is a portable device specially designed for use of non specialized staff. Very light and sturdy, **Minitrace β** is the ideal equipment to locate contamination points in Nuclear Power Plants, hospitals, research centres...
4 alarm thresholds can be programmed from a PC to warn the worker of the contamination level.

➤ Technical characteristics

- **Detector:** Internal 15.55 cm² pancake GM tube
Window : 2 mg/cm²
- **Display unit:**
 - **B-30:** Bq (related to Co-60), resolution 1 Bq
 - **C-10:** counts per second
- **Measuring range:**
 - **B-30:** 0 - 30 kBq
 - **C-10:** 0 - 10 000 c/s
- **Sensitivity:** 0.25 c/s/Bq of ⁶⁰Co equivalent
- **Grid:** stainless steel, 80% transparency, easily demountable
- **Reference:** a ⁶⁰Co source certified by the DKD (ISO 8769)
- **Alarm thresholds:** 4 adjustable alarm thresholds
- **Audible alarm:** for the first threshold
- **Visual alarms** for the 4 adjustable thresholds
- **Display:** backlighted LCD screen
- **Temperature range:** -10°C to +40°C
- **Dimensions:** 139 x 82 x 31 mm - **Weight:** 315 g incl. batteries
- **Power supply:** 2 LR6 AA batteries
- **Autonomy:** 1000 hours with a contamination \leq 100 Bq
- **Accessories:** programming of alarm thresholds by remote software. Transmission via infrared communication



- Compliant with IEC 60325 standard
- Automatic adaptation of the measuring time to count rate: allows fast response with good precision
- Light and sturdy portable equipment
- Easy to use
- Very good autonomy
- Alarm on high count rate variation